PATENT ABSTRACTS OF JAPAN

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(54) DEVICE AND METHOD FOR DIVIDING COMPUTER RESOURCES

(57)Abstract:

PROBLEM TO BE SOLVED: To allocate the independent calculation resources to each user corporation via a data center and to change automatically and in real time the allocation of calculation resources according to the load.

SOLUTION: A control program P20 prepares computer allocation control tables (T22, T23) for each user corporation identifier (#0, etc.), and sets these tables on a load distribution device d100. A means (T19) identifies the user corporation identifiers among the IP addresses (A0, etc.), contained in a user request packet. The device d100 identifies a user corporation from the user request packet and transfers the corporation to a due computer group. Then the program P20 compares the service level contract (T20) of each user with the operating state monitor result of a computer (CPU usage rate history contained in T21) and increases the allocated computers when the contract condition is not satisfied. In other words, the tables T22 and T23 are changed and set on the device d100. Furthermore, the program P20 changes the accounting information (server allocation history contained in T21 and accounting) based on the changed and set tables T22 and T23.